

Amendments to the claims:

Claims 1-10. (Cancelled)

11. (Previously Presented) A method for displaying a fixation mark for ophthalmologic treatment devices comprising the steps of:

projecting the fixation mark to be displayed in the field of vision of the eye to be treated;

allowing the patient to orient the eye to be treated on this fixation mark through foveal fixation; and

moving the fixation mark in the field of vision of the patient, wherein the movement is carried out in such a way that the patient can easily follow the fixation mark.

12. (Previously Presented) The method for displaying a fixation mark according to claim 11 wherein the movement of the fixation mark in the field of vision of the patient is carried out continuously or discontinuously, according to a predetermined sequence, or randomly.

13. (Currently Amended) The method for displaying a fixation mark according to claim 11, wherein the fixation mark is moved discontinuously in the field of vision of the patient, diagnosis or therapy being carried out only within the short stationary phases of the fixation mark.

14. (Previously Presented) The method for displaying a fixation mark according to claim 11, wherein the fixation mark is moved in the field of vision of the patient and a measurement or therapy is carried out while the eye follows the movement of the fixation mark.

15. (Previously Presented) The method for displaying a fixation mark according to claim 11, wherein the movement of the fixation mark is used to position the eye in a specific manner.

16. (Previously Presented) The method for displaying a fixation mark according to claim 11, wherein the movement of the fixation mark is carried out through variable projection on a stationary display.

17. (Previously Presented) The method for displaying a fixation mark according to claim 11, wherein the movement of the fixation mark is carried out by an XY mirror unit.

18. (Currently Amended) The method for displaying a fixation mark according to claim 11, wherein ~~the~~ a movement of the fixation mark in the field of vision of the patient ~~an~~ of a diagnostic beam or therapeutic beam is carried out by ~~the same~~ a XY mirror unit.

19. (Currently Amended) The method for displaying a fixation mark according to claim 11, wherein ~~the~~ a movement of a diagnostic beam or therapeutic beam is corrected by ~~the~~ a predetermined movement of the fixation mark.

20. (Currently Amended) The method for displaying a fixation mark according to claim 11, wherein ~~the~~ a movement of a diagnostic beam or therapeutic beam is corrected by the movement of the fixation mark which is acquired online.

21. (New) A method for displaying a fixation mark for ophthalmologic treatment devices comprising the steps of:

projecting the fixation mark to be displayed in the field of vision of the eye to be treated;

allowing the patient to orient the eye to be treated on this fixation mark through foveal fixation; and

Serial No.: 10/595,846

moving the fixation mark in the field of vision of the patient, wherein the movement is carried out in such a way that the patient can easily follow the fixation mark and in way that any to limit unwanted and uncontrolled movements of eye.